

Release notes for ENDF/B Development dec-090_Th_223
evaluation

ENDF
B-VII.dev

October 14, 2016

• fizcon Errors:

1. Energies released in decay not adding up!
MAT=3451, MF= 8, MT=457 (1): Bad energy sum

```
ERROR(S) FOUND IN MAT=3451, MF= 8, MT=457
PARTICLE ENERGY (AE) SUMUP FAILURE
WHOLE= 7.44853E+06 SUM= 7.31728E+06 SEQUENCE NUMBER 2
```

2. Energies released in decay not adding up!
MAT=3451, MF= 8, MT=457 (2): Bad energy sum

```
ERROR(S) FOUND IN MAT=3451, MF= 8, MT=457
ALPHA MULTIPLICITY SUMUP FAILURE
WHOLE= 1.00000E+00 SUM= 1.00450E+00
```

3. Energies released in decay not adding up!
MAT=3451, MF= 8, MT=457 (3): Bad energy sum

```
ERROR(S) FOUND IN MAT=3451, MF= 8, MT=457
ALPHA AVERAGE ENERGY SUMUP FAILURE
WHOLE= 7.31728E+06 SUM= 7.45100E+06
```